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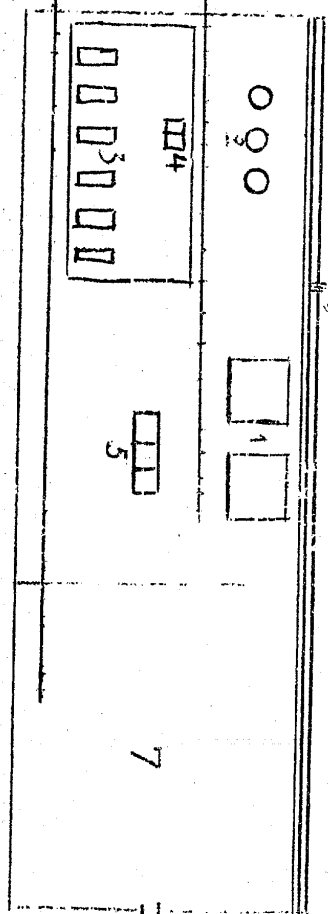
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CENTRAL INTELLIGENCE AGENCY

Attachment 3
Page 1

Foundry and Forge of the
Molotov Plant.



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Page 2Legend:

1. Two open-hearth furnaces, each 2.5 meters high and each with a base 1.2 meters. Source himself was employed on the reconstruction of one of the furnaces. The two furnaces had a charging crane serving them both. The furnaces were fueled with oil injected under pressure through a nozzle.
2. Three electric furnaces, each 2 meters high and 1.3 meters in diameter. Source reported "electrically heated converters". Four or five casting ladles, each 3 meters high and 2 meters in diameter, were used for the castings. The open-hearth furnaces and the electric furnaces were charged with scrap, pig iron bars, and a heavy, silvery material which source believed to be nickel bars. The mixing ratio and the duration of the smelting process are not known. Coupling boxes, wheel boxes, buffers, disk wheels, couplings, and small parts were cast in this shop. The shift norm for source, who worked at a shaking grate, was the removing of small parts from 200 molds.
3. Six molding machines, set up in a separate section of the shop.
4. Two shaking grates on which small castings were cleaned. Source worked at these grates.
5. Three shaking grates on which large castings were cleaned. A conveyor belt ran in a conduit under the grates removing the molding sand falling through on it.
6. One magnetic crane, running outside the building, along the eastern side of the workshop. There were also two traveling cranes, a small one running at a medium height from the floor, and a heavy one running above the founding furnaces. Another traveling crane was in the molding shop and a small crane was in the center of the workshop.
7. Forge, housed in a separate section. Details are not known.

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